Duplo™

Specifications

Collators	DFC-10	DFC-12
Collating Stations	10 (2 tower option for 20)	12 (2 tower option for 24)
Feed System	3 wheel friction feed	3 wheel friction feed
Capacity Per Station	28 mm (260 mm sheets @ 80 gsm)	28 mm (260 mm sheets @ 80 gsm)
Sheet Size Min	140 x 140 mm	140 x 140 mm
Sheet Size Max	320 x 450 mm	320 x 450 mm
Paper Weight	50 - 130 gsm	50 - 130 gsm
Speed (sets/hr)	3900 sets / hour	3900 sets / hour
Programmes	Interleave insertion mode, block mode, alternate mode, normal mode	
Counters	Total / batch	Total / batch
Detection Systems		
Miss	Yes	Yes
Double - Feed	Yes	Yes
No Paper	Yes	Yes
Paper Jam	Yes	Yes
Stacker Full	Yes	Yes
Stacking Modes	Straight stack, offset stack	Straight stack, offset stack
Stacking Capacity	70 mm (640 sheets @ 80 gsm)	70 mm (640 sheets @ 80 gsm)
Dimensions (w x d x h)	820 x 560 x 993 mm	820 x 560 x 1137 mm
Net Weight	66.6 kg	75 kg
Power Supply / Consumption	230V 50Hz 2A	230V 50Hz 2.8A

Bookletmakers	DBM-120 Dynamic Bookletmaker	DBM-120T Trimmer
Set-Up Time	Automatic size change in 14 seconds	Automatic size change in 14 seconds
Programmes	10 pre-set sizes, 3 custom sizes	
On-Line / Off-Line	Yes / Yes	Yes / Yes
Max Book Thickness (80 gsm)	80 page book (20 flat sheets)	80 page book (20 flat sheets)
Max Corner Stitch Thickness (80 gsm)	25 flat sheets	
Staple Positions	Saddle / side / corner / fold only	
Max Speed	Up to 2,400 A5 books / hr	Up to 2,400 A5 books / hr
Booklet Size (WxL)	Max (booklet) size: 320 x 225 mm	Max (untrimmed) 320 x 225 mm
	Min (booklet) size: 148 x 80 mm*	Min (untrimmed) 148 x 100 mm
	Max (sheet) size: 320 x 450 mm	Max (trimmed) 320 x 225 mm
	Min (sheet) size: 148 x 200 mm**	Min (trimmed) 148 x 80 mm
Side / Corner Stapling (LxW)	Min 139 x 200 - Max 231 x 320mm	
Stitch / Staple Type	Staple	
Detection Systems	Jam, misfeed, staple empty	Waste bin full
Max Trim Cut		20 mm
Trim Adjustment		0.4 mm increments
Staple Capacity	5000	
Dimensions (WxDxH)	1300 mm x 700 mm x 550 mm	537 mm x 550 mm x 576 mm
Net Weight	120 kg	83 kg
Power Supply / Consumption	230V 50Hz 1A	230V 50Hz 1.5A

* with optional small booklet kit and DBM-120 trimmer (without trimmer min booklet size is 148 x 100mm)
** with optional small booklet kit

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Duplo™

mini collating & booklet making system

hands-free collating and finishing

high speed collating
bi-directional feed
2400 booklets per hour
easy to operate

Duplo™

mini collating & booklet making system

hands-free collating and finishing

The Duplo mini friction collating and bookletmaking system offers smaller print enterprises, in-plants, offices and CRDs a cost-effective solution to their finishing needs. Much of the functionality and dependability normally reserved for much larger finishing equipment is available as-standard in this high performance and space-efficient system.

programmable
The user-friendly control panel has several programmes including block mode for on-the-run loading and interleaving for separation of batched sets. The display has both a 'total' and 'remaining' counter to monitor the progress of the job.

reliable paper handling
The 3 feed wheels ensure maximum contact with the paper for flawless and consistent delivery.

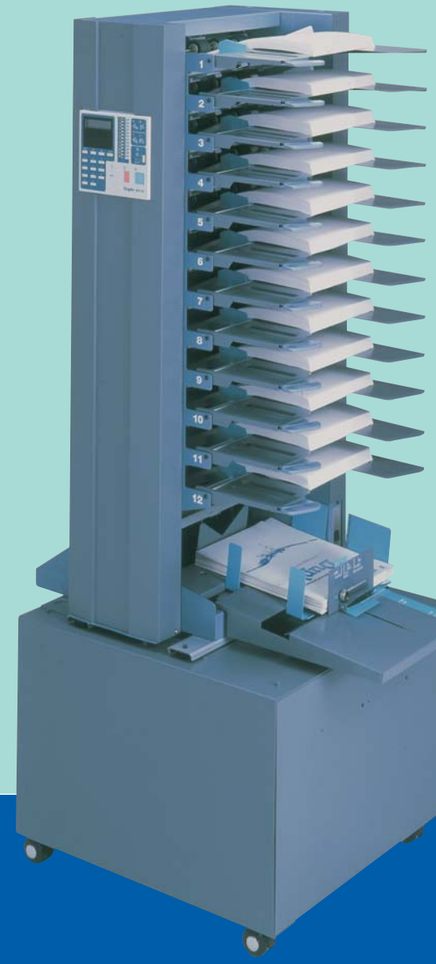
Bond, NCR, light card and even certain coated stocks can all be fed with separator pressure and tray pressure of each bin individually controllable. Out-of-paper, double and paper jam detectors ensure the integrity of each set.

straight or offset collating
The collating tray can be run in offset mode or straight collate mode depending on the requirements of the job.
The machine automatically stops when the catch tray is full so can be left to run without continuous supervision.

modular
Two DFC-10 or two DFC-12 towers can be connected together to produce a 20 or 24 station collating system.
The interconnectivity of the whole Duplo range opens up the opportunity to start with an entry-level system and upgrade the collator(s) and bookletmaker at any time to improve productivity as the needs of the business change.

Duplo DFC-10 & DFC-12 collators

The vertically arranged DFC-series collators are available in 10, 12, 20 or 24 station configurations with an output speed of up to 3,900 sets/hour. On-the-run loading and bi-directional feeding enables productivity to be maintained whilst simply collating or sending sets to the online bookletmaker.



DFC-12 friction collating tower

Duplo DBM-120 bookletmaker & DBM-120T trimmer

The DBM-120 can be either hand-fed or connected online to a Duplo collator creating a 2,400 booklet/hour finishing system. Flat lying staples and the optional DBM-120T edge trimmer result in a strong and professional booklet.

DBM-120T trimmer

DBM-120 bookletmaker

quick automatic set-up
Changing between booklet sizes takes just seconds. Simply select the required size, and the side guides adjust automatically.
For smaller books, the staple positions can be brought closer together if required.

four finishing modes
The DBM-120 is capable of side stapling, corner stapling, folding and saddle stapling so just about any finishing requirement is possible with this versatile unit.

fold stich corner staple side staple

hand feeding
The DBM-120 can be used as a standalone bookletmaker and manually fed through the hand feeder. This is ideal for very short run or pre-collated jobs such as those from a digital printer.

toggle dial
A simple toggle dial screen allows the operator to input and store up to 13 separate programs for quick recall later.

optional fore-edge trimmer
When producing thicker books it is often necessary to trim the fore-edge. The Duplo DBM-120T is an optional trimmer unit that will cut this edge as the book is ejected from the bookletmaker ensuring a highly presentable end product.